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No. 3.

1871.

Descriptive Catalogue

OF

CHOICE AND SELECT

Flower and Vegetable

SEEDS,

FOR SALE BY

JOHN R. & A. MURDOCH,

Nurserymen, Florists and Seedsmen,

No. 112 Smithfield Street,

OPPOSITE POST OFFICE, **PITTSBURGH, PA.**

GREEN HOUSES ON FIFTH AVENUE, FOURTEENTH WARD.
NURSERIES ON SQUIRREL HILL, TWENTY-SECOND WARD.

MASS. HORTICULTURAL SOC. AUG 14 1890 BOSTON

PRINTED BY BAKEWELL & MARTHENS, No. 71 GRANT STREET.

INTRODUCTION.

In offering the following Descriptive List of Flower Seeds, we have been influenced by a desire so to simplify it, that those unacquainted with plants will be able to make a selection unaided. However, in every case when the selection is left to us, we will use our best endeavors to meet the wants of the purchaser—our long experience as practical florists giving us an intimate knowledge of the merits of each variety. Great care has been taken in selecting the seeds, and we send them out to speak for themselves.

Remarks on the Sowing and Management of Flower Seeds.

Flower seeds may be sown in the open border in April or May, as soon as the soil is in a fit condition. Some varieties will not bear transplanting, and will, therefore, require to be sown where they are intended to bloom. The greater part, however, are best sown in nursery beds, and transplanted, in damp, cloudy weather, to their blooming quarters. By this means the ground may be filled up with early spring blooming plants and bulbs, and the flower garden be always attractive.

Many annual varieties are very attractive for winter decoration in the greenhouse or conservatory, when sown in pots in summer or fall. For sowing in pots, a mixture of loam, leaf-mold and sand is most desirable, the very fine seeds, such as Calceolaria, Petunia, &c., being merely scattered on the surface, and pressed into the soil. The larger seeds may be covered from one-eighth to one-quarter of an inch.

The same remarks apply to sowing in the open border as well.

A cold frame, in a shady situation, is preferable till the seeds are well up, when more air and light may gradually be given, till at length they are hardy enough to stand the full sun. When large enough, transplant separately into small pots, and finally into blooming pots, keeping them as near the glass as possible, to prevent their becoming drawn up and unhealthy.

BUSINESS NOTICE.

THE experience of the past season has fully justified us in our determination to keep nothing but strictly reliable Garden Seeds for sale. Therefore we have again received our Vegetable Seeds from Messrs. Landreth & Son, of Philadelphia, and can recommend them to our customers, with full confidence that they will give perfect satisfaction. They are all warranted pure and genuine. The past season has been very favorable for the growth and maturing of seeds. The samples are very fine, and prices lower than last season.

We take this opportunity of returning our sincere thanks to our customers for past favors, and hope, by personal attention to their interests, to merit a continuance of their patronage. No pains will be spared to give satisfaction, and should any errors occur in executing orders, they will be promptly rectified. In all cases where parties are unknown to us, cash or satisfactory references must accompany orders.

Our collection of Fruit and Ornamental Trees, Evergreens, Grape Vines, Greenhouse and Bedding plants, Choice Roses, &c., is very large and complete, Catalogues of which will be mailed on application.

Address,

JOHN R. & A. MURDOCH,
112 Smithfield Street,
PITTSBURGH, PA.

February 1, 1871.

FLOWER SEEDS.

ABRONIA UMBELLATA—A pretty creeping plant, with Verbena-like heads of sweet-scented rosy lilac flowers; continues to bloom during the whole summer... per pkt. 10

ACERATUM—Valuable hardy annual for beds or borders, and exceedingly useful for cutting; continues in flower all summer; does well in almost any soil; flowers small, in clusters; good for winter flowering in the house.

Mexicanum—Lavender color, 1 foot high,.....per pkt. 10

Ageratum Mexicanum Albiflorum—White flower, 1 ft. ... 10

AGROSTEMMA—Very pretty free-blooming annuals, making a pretty bed, and fine for cutting; flowers like a small pink.

New Scarlet.....per pkt 10

ALYSSUM—Very free blooming plants, for beds, edging, &c.

Maritimum—Pure white, 6 inches,..... per pkt. 5

Wiersbeckii—Yellow, 1 foot,..... ... 10

AMARANTHUS—Half hardy annual; bright rich foliage; useful as background of border or bed, on the lawn. The foliage is richest when grown on poor soil

Bicolor—Crimson and green variegated foliage, 2 feet,..per pkt. 5

Caudatus (Love Lies bleeding) —Long drooping flowers, very pretty,..... ... 5

Tricolor—Red, yellow and green foliage, 2 feet,..... ... 5

ADONIS VERNALIS—1 foot high; a very pretty annual,.....per pkt. 5

ASTER—This splendid class of annuals is one of the most popular and effective of our garden favorites, producing in profusion flowers of the most perfect and beautiful form, with a great richness and variety of color. Does best in a deep, rich soil.

Pyramidal Dwarf Bouquet—Mixed colors,.. ... .per pkt. 20

New Dwarf Chrysanthemum flowered—Very fine, mixed colors,..... ... 10

Peony flowered,..... ... 10

Perfection—1½ ft. high; very desirable..... ... 15

Hedge Hog—Crimson, white centre; new; very fine; nearly always true..... ... 20

Pyramidalis—German Quilled..... ... 10

ANAGALIS SUPERBA—Mixed colors,..... ... 10

BALSAM (Lady Slipper)—Indispensable for out-door decorations; flowers produced in great profusion, and of the most brilliant colors; continues to bloom until frost This

seed has been grown on our own grounds from flowers the perfectness of form and brilliancy of color of which we have never seen equalled. The finest flowers may easily be mistaken for Roses.

Camellia flowered—Mixed.....per pkt. 10
" " In five different colors.....each, 10

CHEIRANTHUS (Wall Flower)—Perennial.

Cheiri—Mixed.....per pkt. 10
Prussian—Finest double..... 15

CALANDRINA—Very beautiful creeping plant; admirably adapted for rock work, or any hot situation, where they produce their rose-colored flowers in great profusion. Hardy annual.

Umbellata—Rosy purple; perennial, but flowers first season; 1 foot.....per pkt. 10
Speciosa—Dark purple; very showy;..... 10

CALCEOLARIA—Plants indispensable for greenhouse cultivation; forming in spring dense masses of their pocket-like flowers; very attractive; choice Hybrid,...per pkt. 20

CALLIOPSIS—This genus is one of the most striking of all annuals, very showy, and of easy culture; about 2 feet.

Marmorata—Beautifully mottled,.....per pkt. 5
Tinctora—Quilled; very fine,..... 5
Bicolor—Yellow and brown,..... 10

CAMPANULA—An exceedingly beautiful genus of perennials, characterized by the richness and profusion of their bloom, and their strong, robust growth. Plant 6 inches apart.

Speculum—Mixed Colors,.....per pkt. 5
Medium—Blue Canterbury Bell,..... 10
" **Alba**—White " 10

CANNA—Stately and highly ornamental plants; foliage very beautiful; roots may be taken up in fall and kept same as Dahlias.

Gigantea (Large Indian Shot)—Red, 2 feet,.....per pkt. 15
Indica (Small Indian Shot)..... 15
Warszewiczii—Brilliant red, foliage striped; 3 feet... 15
Mixed colors, ... 15

CANDYTUFT (Iberis)—An old popular hardy annual; excellent for beds, and unsurpassed for cutting; no garden is complete without it

White—Sweet scented,.....per pkt. 5
Dunnet's—Fine dark crimson,..... 5

COCKSCOMB (Celosia Cristata)—Very singular, attractive and showy annuals; to produce fine heads, use strong manure

Dwarf Vars.—Mixed,.....per pkt. 10
Tall " " 10

CENTAUREA—Plants of the Thistle tribe; very showy and ornamental, free flowering and of easy culture.
Mixed Vars.....per pkt. 5
Moschata Alba—White Sweet Sultan,..... ... 5

CLARKIA—An old and favorite free flowering annual, growing profusely under almost any circumstances.
Pluchella—Large flowered; mixed colors,.....per pkt. 5
Elegans—Double white; new, fine,..... ... 10

CARNATION PINK—Mixed,..... ... 15

COLLINSIA—A delicate, pretty, free blooming genus of hardy annuals, not very showy, well suited to our climate.
Bicolor—Purple and white,.....per pkt. 5
Multicolor—White and rose marbled; 4 feet,..... ... 10

CONVOLVULUS MINOR—A dwarf plant, trailing in habit. Sow in open ground early in spring. All colors mixed,.....per pkt. 15

COLUMBINE (**Aquilegia**)—A very showy genus of early summer blooming plants; flowers beautiful, both in shape and color. Mixed colors,.....per pkt. 10

DICITALIS (**Fox Glove**)—Showy and useful flowers for borders; flowers second season.
Alba—White,.....per pkt. 10
Mixed Colors..... ... 10
Purpurea—Purple,..... ... 10

DATURA HUMILES FLAVA FL. PLENO—Large yellow double flowers, sweet scented..... per pkt. 10

FORGET-ME-NOT (**Myosotis Palustris**)—Small, pretty plants, bearing an abundance of little star-like white and blue flowers; stands the winter well. 6 inch...per pkt. 10

GERANIUM—Fine scarlet; well known bedding plant, per pkt. 10

HOLLYHOCK—Mixed, double,..... ... 10

IPOMOPSIS PICTA—Handsome, free growing, half-hardy biennials, with long spikes of bright scarlet flowers; good for out-door decoration; blooms a long time.per pkt. 10

ICE PLANT—Valued for its singular icy foliage. ... 10
Tricolor,..... 10

JAPAN PINK—One of the finest garden decorators; good for cutting for bouquets; flowers first season by sowing the seed in box in house, and planting out as soon as the weather will permit.
Double Mixed (Dianthus Heddewigii fl. pleno),..... ... 15
Single Mixed 15
Chinese Pink—Finest mixed..... ... 15

JOB'S TEARS (**Coix Lachryma**)—2 feet high; broad corn like leaves,.....per pkt. 10

LEPTOSIPHON—A very pretty hardy annual, with small beautiful flowers, not very showy, but good for rock-work, edging, &c. Mixed, ...per pkt. 10

LOVE-IN-A-MIST (**Nigella Damascena**)—Curious hardy annuals; fine cut leaves, very singular and showy; light blue flowers; one foot high; double flowering,.per pkt. 5

N. Damascena Nana—Dwarf,..... ... 5

Nigella Hispanica (Spanish Love-in-a-mist),..... ... 5

LOBELIA—A very valuable and beautiful class. Their delicate drooping habit, and the profusion of their charming blue and white flowers, make them particularly well adapted for vases, hanging baskets, &c. They are also well suited for the border.

Erinus—Blue and white,.....per pkt. 10

Gracilis,..... ... 10

Cardinalis—Brilliant scarlet spikes of flowers,..... ... 10

Queen Victoria,..... ... 25

Gracilis Rosea,..... ... 10

Erinus Compacta,..... ... 10

LUPINUS—A well-known genus, very conspicuous and showy.

Cruikshankii—Blue, white and yellow; 3 feet,.....per pkt. 5

Mixed Varieties,..... ... 10

Pilorus—Large blue Lupinus,..... ... 5

LINUM—Very beautiful half-hardy annual, of a neat, slender habit; continues to bloom throughout the summer.

Grandiflorum,.....per pkt. 10

" **Album**, ... 10

" **Rubrum**, ... 10

LARKSPUR (**Delphinum**)—A very ornamental genus of free blooming beautiful plants; hardy annuals,

Consolida fl. pleno (Stock Flowered)—Mixed colors, per pkt. 5

Tall Rocket—Double mixed colors,..... ... 5

Ajacis Hyacinthafloram (Double Dwarf Rocket)—Fine mixed,..... ... 5

Formosum—Beautiful blue; flowers second season,.... ... 10

MARVEL OF PERU (**Four O'clock**)—A beautiful plant of fine habit, glossy, fine foliage, with fragrant flowers; roots may be preserved same as Dahlias. Mixed,..per pkt. 5

MIGNONETTE—A well known fragrant little annual; essential in every garden,.....per pkt. 5

MIGNONETTE GRANDIFLORA—A very large and vigorous variety; quite as fragrant as the old sort. per pkt. 15

MARIGOLD—Very effective half-hardy annuals, extremely showy in the garden; continues in flower from early summer until frost.

Erecta (African Marigold)—Two feet; very showy,...per pkt. 5
Patula(French Marigold)—One foot; rich,perfect flowers ... 5
Signata Pamula—The handsomest of the Marigold tribe ... 10

MIRABILIS LONGIFLORA—Flower tube 3 or 4 inches long; white, Sweet scented.....per pkt. 10
Violacea—Same as above, but violet color,..... ... 10

NEMOPHILA—A beautiful class of low hardy annuals, very free bloomers; the blossoms are extremely delicate, as well as beautiful; do best in a rather shady situation.
Atomaria—White spotted Grove Love,.....per pkt. 5
Insignis—Beautiful light blue,..... ... 5
Maculata—Large white flower, blotched with violet,.. ... 5
Mixed,..... ... 5

OENOTHERA (Evening Primrose).
Acaulis Alba—Very dwarf; flowers snowy white,...per pkt. 10
Lamarckiana Grandiflora—Grows 3 feet; very showy; flowers bright yellow, 5 inches in diameter,..... ... 10

POPPY (Papaver)—Very showy and well known border flowers; do well in almost any situation.
Carnation Flowered—Double mixed vars,.....per pkt. 5
Double Opium..... ... 5
Pæony Flowered—Large flowered; very double,mixed colors,..... ... 5
Ranunculus Flowered—Small; double; mixed colors, ... 5

PETUNIA—For out-door decoration there is hardly a plant to equal it. Seeds sown in the spring will flower in June, and continue to bloom until frost
Countess of Ellesmere—Dark rose, fine white throat,per pkt. 10
Fine Mixed—All colors, ... 10

PHLOX DRUMMONDII—No annual exceeds the Phlox for brilliant and constant show. Seeds sown in May, and from June during the whole summer and autumn months; they make a most brilliant bed of showy, yet delicate flowers. A good bed of Phlox Drummondii is surpassed by no other annual.
Brilliant Scarlet,.....per pkt. 10
Large Blue—White eye,..... ... 10
Dark purple,..... ... 10
Alba,..... ... 10
All colors mixed,..... ... 10

PORTULACA—Popular brilliant hardy annual; do best in a warm situation and sandy soil. There are few low plants that can be compared to this for brilliancy of color and abundance of bloom.
Alba Striata—White, striped with rose and blue,.....per pkt. 5
Thellusonii—Fine crimson,..... ... 5
New Rose,..... ... 5

Fine Mixed,..... ... 5
Double Rose-Flowered—Mixed colors,..... ... 25

PANSY (**Viola or Heartsease**)—A popular flower, giving abundance of bloom until after a severe frost—enduring our hard winters. It is one of our earliest spring flowers. It will flower better in midsummer if planted where it is partially shaded from the sun; finest mixed varieties, per pkt. 15

RICINUS (**Castor Oil Bean**)—Plants with very ornamental foliage and showy fruit. Plant the seed in open ground as soon as is safe in spring.

Macrocarpus—Whitish foliage, beautiful ; 6 feet, ... per pkt. 10
Purpureus—Purple ; magnificent ; 6 feet,..... ... 10
Bourboniensis—Beautiful; splendid; large leaves ; 10 feet,..... ... 10
Sanguineus—Blood red stalks ; scarlet fruit ; one of the best ; 5 feet,..... ... 10
Giganteus—New ; very large, fine and showy ; 6 feet, ... 10

SNAPDRACON—Very showy hardy perennials ; always flowering well the first season, and until after hard frosts; flowers well the second year, and sometimes the third. Finest varieties, mixed ..... per pkt. 10

SCABIOSA ODORATA (**or Mourning Bride**)—A very showy and pretty class of half hardy annuals ; excellent for beds and for bouquets.

All colors mixed,.....per pkt. 10
" " **Dwarf,**..... ... 10

SENSITIVE PLANT—Tender plant ; curious from the fact that when touched its leaves close and droop, from which habit the name is derived. Start seeds in house, and do not plant out until the weather is quite warm,.....per pkt. 10

STOCK TEN WEEKS (**Mathiola Annua**)—The Ten week or Annual Stock presents nearly all the requisites of a perfect flowering plant—good habit, fine foliage, beautiful flowers of almost every desirable tint, delightful fragrance, early flowering and abundance of blossoms.

New largest Flowering Dwarf—All colors mixed,...per pkt. 20
Newest large " " " 20
New Hybrid, " " 20
White,..... ... 10
Scarlet,..... ... 10
Purple,..... ... 10
Mixed,..... ... 10

SWEET WILLIAM—Well known hardy annual.
Auricula Flowered,.....per pkt. 10
Dark Crimson,..... ... 10
Perfection,..... ... 10
Finest Mixed,..... ... 5

SILENE (**Catchfiy**)—Pink flowers; constant bloomer, ... 5

VERBENA—Well known and universally popular bedding plants; seeds should be sown under glass if possible. Plants grown from seed make much more healthy plants than those grown from cuttings.

Finest Mixed,.....per pkt. 20

VINCA—A genus of beautiful perennials. If started under glass and set out in June, they will flower beautifully in the fall.

Alba—White; red eye,.....per pkt. 10

Rosea—Red; 2 feet,..... 10

XERANTHEMUM—

Large Purple flowered, ... 5

Double White..... 5

Cæruleum,..... 5

" **Compactum,**..... 5

Double White—Very fine,..... 5

ZINNIA ELEGANS—Very handsome, showy flowers, of great richness and variety of color. The double ones rival in beauty, size and form a moderate sized Dahlia. The same flower will continue perfect four or five weeks. There is no plant better adapted to our climate. Sow seed in box or frame and transplant like Cabbage one foot apart, ...per pkt. 10

Buist's Hybrid,..... 15

ZEA CARUCUA (New Striped Japanese Maize)—A very valuable acquisition to our variegated plants. Should be sown in hills, same as Corn,.....per pkt. 10

ORNAMENTAL CLIMBERS.

COBEA SCANDENS—The most useful of climbers, on account of its rapid growth, fine foliage, and large blue flowers. Seeds should be sown *on their edge* in a hot bed; will grow thirty or more feet in a season, ...per pkt. 10

CONVOLVULUS (Morning Glory)—One of the handsomest plants in cultivation. C. Major makes a rapid growth. C. Minor is a dwarf plant, 1 foot in length, trail in habit; both have beautiful, showy, yet delicate flowers.

Major—White,.....per pkt. 5

Dark blue,..... 5

Rose,..... 5

Incarnata,..... 5

Lilac,..... 5

Mixed, about one dozen varieties,..... 5

CYPRESS VINE—Splendid climbers; magnificent large flowers; very showy; more tender than Convolvulus.

Crimson, ... per pkt. 10
White, ... 10

COURDS—Beautiful climbers.

Hercules Club, ... per pkt. 10
Pear Formed, ... 10
Striped Apple, ... 10
Egg Formed, ... 15
Tricosanthus Colubrina, ... 10

IPOMEA—A superb genus of plants. Are not as hardy as Convolvulus, but finer and more elegant flowers.

Limbata Elegantissima, ... per pkt. 15
Grandiflora Superba 15

MAURANDIA—Graceful and free blooming climbers for the greenhouse or out-door decoration; very pretty in vases, hanging-baskets, &c. Sow seed in box or frame and transplant to where needed.

Barclayana—Blue and white, ... per pkt. 15
" **Rosea,** 15
" **Scarlet,** 15
" **Antirrhinumaflora,** 15
Mixed Finest, ... 15

SCYZANTHUS ELEGANS—Pretty climber, curious yellow flowers, ... per pkt. 15

TWEEDIA CAERULEA—Hardy climber, blue flowers, ... per pkt. 10

THUNBERGIA—

Alata ..... per pkt. 15
" **Alba** 15
" **Aurantica** 15
Bakerii 15

TROPAEOLUM—This is a very useful and ornamental plant for covering trellis-work, &c., its numerous crimson, scarlet and variegated flowers making it very desirable for the garden and greenhouse.

Peregrinum (Canary Bird Vine)—Bright fringed yellow, ... per pkt. 20
Lobbianum Mixed Var's. 10
Tom Thumb—Scarlet, ... 10

PEAS, FLOWERING (Lathyrus)—The following Peas are among the most useful and beautiful of our hardy annuals. They are as fragrant as Mignonette, and continue to bloom all summer if the pods are picked off just as they appear. Sow same as common Peas, and furnish support early.

Purple ..... per pkt. 5
White 5
Scarlet 5
Mixed 5

EVERLASTING FLOWERS.

ACROCLINIUM ROSEUM—One of the best of the Everlasting flowers. Gather them as soon as opeu. Strong growth and hardy,..... .....per pkt. 10

Roseum Album..... ... 10

ENGLISH CLOVER (**Gomphrena**)—Flowers should not be picked until well matured and of full size. Start seed in hot-bed, if possible; if not, soak them in, warm water; allow it to stand in a warm place twenty-four hours before planting. Fine for garden as well as drying.

White .....per pkt. 5

Globosa Carnia 5

" **Striata**..... ... 5

" **Rubra**..... ... 5

HELICHRYSUM—An exceedingly handsome class of everlasting flowers; large and showy plants for the border and bed, and of the greatest value for winter bouquets. Cut for drying just before the flowers are fully opened, and dry in the shade.

Monstrosum, double mixed colors.....per pkt. 10

" **double red**..... ... 10

" **White**..... .. 10

Helipetrum Sanfordii..... ... 10

" **Anthemoides**..... ... 15

RHODANTHE—The most delicate and charming of our everlasting flowers; bell shaped before expanded. Start under glass.

Maculata—Rosy purple,..... .....per pkt. 15

" **Alba**—New; pure white; yellow disc,..... ... 20

VEGETABLE SEEDS.

In offering the following descriptive list of Vegetable Seeds, we have endeavored to choose only the very best varieties, though others not mentioned can be supplied when requested.

All seeds priced at 25 cents per ounce, or under, are put up in 5 cent papers; over 25 cents per ounce, in 10 cent papers. All

orders for one dollar and upwards (except for Peas, Beans and Corn, which are too heavy,) will, if desired, be forwarded by mail, postage free. Orders from unknown correspondents must invariably be accompanied by a remittance, or responsible reference, else no attention will be paid to the order.

ARTICHOKE.

Artichaut—FRENCH. *Artischoke*—GERMAN.

Sow middle of April, thinly, one inch deep, in drills, two feet apart. The next season plant in hills three feet asunder, three plants in each, and protect in winter by a covering of coal ashes or earth.

Large Globe, best for general culture,.....per oz. 50 ; per lb. $7 50

ASPARAGUS.

Asperge—FR. *Spragel*—GER.

Sow beginning of April, thinly in rows, one inch deep and two feet apart. The next season plant in drills, two inches deep and two feet apart, spreading the roots well out, in ground thoroughly manured, and trenched at least two feet deep. The seed should be soaked in warm water before sowing.

Large Purple-Top, or Giant,. ....per ez 10; per lb 80

Conover's Colossal—A greatly improved variety of large size, tender, productive, and of excellent quality, per oz. $1 00 ; per lb. $14.00

Conover's Colossal Asparagus Roots, 1 year old. per 100, $2.00; per 1000, 15.00

BEANS (Bush, Dwarf or Snap).

Haricot—FR. *Schmink Bohne*—GER.

Plant as soon as the ground is warm, in drills, two inches deep and two feet apart; drop the seeds three inches apart, and when well up thin out to nine inches.

Six Weeks, or Mohawk ....per bush.	$7;	per qt.	30
Red Speckled Valentine.....	7	...	30
Brown " "	7	...	30
China White.....	7	....	30
Early Yellow Six Weeks..... ...	7	...	30
Newington Wonder..... ...	7	....	30
Dwarf German Wax (Black),.....	10	...	50

BEANS (Pole or Running).

Haricots a Rames—FR. *Stangen Bohne*—GER.

Plant beginning of May, in hills four feet apart for poles, or in rows six feet apart for stakes or string trellises. Press the seeds

down slightly, and raise the soil over them so that they may be covered two inches. The Lima Bean should not be sown in this latitude before the middle of May, as it is subject to rot if sown too early.

Large White Lima.....per bush. $14; per qt. 50
Scarlet Runners..... ... 60

BEANS (English or Broad).

Fève de Marias—Fr. *Gartenbohne*—Ger.

This class is very hardy, and should be planted as soon as the soil is in a good state in spring. Plant four inches apart and two inches deep, in drills four feet asunder. To insure well filled pods, pinch off the tops as soon as the lower pods begin to set.

Broad Windsor.....per qt. 50
Long Pod..... 40

BEET.

Betterave—Fr. *Roth Ruebe*—Ger.

For a regular supply, a few drills should be sown every two weeks, beginning the middle of March, and ending the middle of August. Sow one inch deep, in drills eighteen inches apart. The leaves of the Green and White sorts are used the same as Spinach, or in soups.

Extra Early Turnip Rooted..	per lb.	$1.50	per oz.	15
Philad'a " " "	...	1.50	...	15
Early Blood Red	...	1.50	...	15
Long Red, or Blood	...	1.50	...	15
Swiss Chard	...	1.50	...	15
Red Globe Mangold Wurtzel	...	75	...	10
Yellow Globe " "	...	70	...	10
Sugar Beet, White Silesian,	...	70	...	10

CABBAGE.

Chou Pomme—Fr. *Kopf Kohl*—Ger.

For early summer use, sow about the middle of September, and transplant into cold frames for the winter; for fall use, sow as for Broccoli, and for keeping through the winter, the first week in May. To insure a good crop, the ground must be thoroughly manured and deeply trenched or plowed.

Early Wakefield	per lb.	$12.00	per oz.	1.00
Early Drumhead	...	3.50	...	35
Early York (Earliest)	...	2.50	...	20
Early Large York	...	3.50	...	25
Early Cone (Winningstadt)	...	3.50	...	35

Large Late Drumhead	per lb.	$3.50	per oz.	35
Flat Dutch (Late)	...	3.50	...	35
Drumhead Savoy	...	3.50	...	35
Red Dutch, for pickling,	...	3.50	...	35
Turnip Rooted (Green)	...	3.50	...	35

CARROT.

Carrotte—Fr. *Mohren*—Ger.

For early crop, sow as soon as the ground can be worked; for general crop, from May to the middle of July, in drills half an inch deep and eighteen inches apart. While the plants are young thin them out to six or nine inches apart.

Early Horn, stump rooted	per lb.	$1.50	per oz.	15
Long Orange	...	1.50	...	15
Large White Belgian	...	1.00	...	10
Half Long Scarlet (Pointed),	...	1.50	...	15

CAULIFLOWER.

Chou Fleur—Fr. *Blumenkohl*—Ger.

For early crop, sow middle of September, and protect in frames throughout the winter, or on a gentle hot-bed in March. Transplant both sowings to rich, well-prepared ground, about the middle of April.

Early Asiatic	per pkt.	10
Half Early French	...	15
Early Dwarf—Fine	....	15

CELERY.

Celerie—Fr. *Sellerie*—Ger.

For a first early crop, sow one-quarter of an inch deep, on a slight hot-bed, early in March; transplant while young into a cool frame, and very rich soil, four inches apart. The general supply should be sown middle of April. thinly, in drills one foot apart. While young, thin out to four inches. Transplant finally when the plants are four inches high, nine inches apart. in shallow but well manured trenches, five feet asunder. Earth up as required, as too much blanching causes the stocks to become hollow and soft. Four or five weeks are sufficient for this purpose.

Large White Solid	per lb.	$3.50	per oz.	30
Dwarf "	...	3.50	...	30
Red Solid	...	3.50	...	30

CORN.

Maiz—Fr. *Mais*—Ger.

When a regular supply of Sweet Corn is required, repeated plantings are necessary. Commence middle of April, and make suc-

cessive sowings every two weeks till the middle of July. Plant eight or ten seeds in hills four feet apart. Cover one and a half inches deep. When well up, thin out to five plants.

Extra Early Sugar	per bush.	$6.00	per qt.	25
Adams' Early	...	6.00	...	25
Evergreen Sugar	...	6.00	...	25
8 rowed	...	6.00	...	25
White Flint	...	4.00	...	20

CRESS.

Cresson—Fr. *Germeine Kresse*—Ger.

A well-known pungent salad. Requires to be sown thickly and covered very slightly. Sow at frequent intervals to keep up a succession, as it soon runs to seed

Curled	per lb.	$1.00	per oz.	10

CUCUMBER.

Concombre—Fr. *Gurke*—Ger.

For open-air culture, sow five or six seeds one inch deep, in hills six feet apart, middle of April. When grown to three rough leaves, thin out to three plants, and draw the soil up to the stems. If bugs attack them, sprinkle a little guano over them after syringing with soap suds.

Long Green Turkey	per lb.	$3.00	per oz.	25
Early Frame	...	2.00	...	20
White Spine	...	1.50	...	15
Gherkin, for pickling,	...	5.00	...	40
Jersey, "	...	2.00	....	20

EGG PLANT.

Melongene—Fr. *Tolapfel*—Ger.

Sow first of March on gentle hot-bed, and when grown to two rough leaves plant out in the bed six inches apart. Plant in the open ground middle of May, two feet and a half apart.

Large Round Purple	per lb.	$8.00	per oz.	75

ENDIVE.

Chicoree des Jardins—Fr. *Endive*—Ger.

When blanched is used as a salad or in stews. Sow from middle of April to first of August, in drills half an inch deep; and while the plants are small transplant into rich soil, one foot apart. Blanch by tieing up the leaves, or by covering with light boards.

Curled	per lb.	$4.00	per oz.	40
Broad Leaved	...	4.00	...	40

LEEK.

Poireau—Fr. *Lauch*—Ger.

Sow as early in spring as practicable, in drills one inch deep and one foot apart. When six or eight inches high they may be transplanted in rows ten inches apart each way as deep as possible, that the neck, being covered, may be blanched.

Large London Flag..... per lb. $8.50 per oz. 20

LETTUCE.

Laitue—Fr. *Gartensalat*—Ger.

To obtain a supply all the year round, commence sowing in February, on gentle hot-bed, and continue on every four weeks in the open ground until October. The two last sowings will require protection from frost during winter in frames. Sow one-quarter of an inch deep, and transplant while young eight or twelve inches apart according to size.

Early Curled	per lb.	$4.00	per oz.	40
Royal Cabbage	...	4.00	...	40
Brown Dutch	...	4.00	...	40
White Cos or Ice	...	4.00	...	40
Early Cabbage (Butterhead)	...	4.00	...	40
Curled India	...	6.00	...	50

MELON (Musk).

Melon—Fr. *Melone*—Ger.

For general crop of Melons, sow when the ground becomes warm, say middle or last of April, in hills six feet apart; cover the seeds one inch, and when well established, thin out to three plants. They may be forced same as Cucumbers, or forwarded by being covered with small box frames.

Netted Nutmeg	per lb.	$1.50	per oz.	15
Green Citron	...	1.50	...	15
Pine Apple Citron	...	1.50	...	15
Mountain Sprout, Water,	...	1.50	...	15
Black Spanish, Water	...	2 00	...	20
Mango, for pickling,	...	2.00	...	20
Ice Cream—Water	....	1 50	....	15
Jenny Lind Citron	...	1.50	...	15

MUSTARD.

Mutard—Fr. *Senf*—Ger.

A pungent salad; sow thickly in boxes in green-house once a week all winter, or in a frame, or in the open ground after frost, covering very lightly.

White..... per qt. 60 per pt. 30

NASTURTIUM.

Capucine—Fr. *Kapuzinerblume*—Ger.

The seeds are used while young, and pickled as Capers. In shrubbery borders, or trained against trellis work, the plant is high y ornamental; sow one inch deep in rows five feet apart, and gather the crop every few days.

Per lb. $3 00 per oz. 30.

OKRA, OR GOMBO.

Gumbo—Fr.

As "Okra" is impatient of cold and wet, the last week of April will be time enough to sow it, in drills three feet asunder, one inch deep. Gather the pods while young. For winter use, cut into thin slices and dry in the sun.

Dwarf.....per lb. $1.00 per oz. 10

ONION.

Oignon—Fr. *Zwibel*—Ger.

Onions may be sown from the middle of March to the middle of May, the earlier the better, if the ground is in good order. A well manured, highly cultivated soil is desirable. Sow in drills half an inch deep, one foot apart, and thin out while young to six inches apart. For raising Onion Sets, sow early in spring, on poor soil, very thickly in drills, and gather as soon as the tops die down.

Silver Skin.....per lb. 4.50 per oz. 40
Wethersfield Red—Annual..... 4.00 ... 40
Strasburg—Large yellow..... 4.00 ... 40
Danvers—Yellow..... 4.50 ... 40
Onion Sets " ..... } At market pric
" Silver Skin.....

PARSLEY.

Persil—Fr. *Petersillie*—Ger.

Sow thinly in drills, one foot apart and half an inch deep, middle of March. As the seed germinates very slowly, it is advisable to soak it a few hours in tepid water before sowing. For winter use, protect in a glass frame or light cellar.

Plain.....per lb. $1.00 per oz. 10
Curled..... 1.50 ... 15

PARSNIPS.

Panail—Fr. *Pastinake*—Ger.

Sow half an inch deep, in drills eighteen inches asunder, beginning in April, in a deep, rich soil. While young, thin out to five or six inches apart.

Fine Sugar.....per lb. 75 per oz. 10

PEPPERS.

Piment—Fr. *Spanischer Pfeffer*—Ger.

Sow in a gentle hot-bed early in March, and transplant eighteen inches apart, middle of May.

Cayenne	per oz.	50
Large Spanish Sweet	...	40
Tomato or Squash	...	40
Cherry	...	80

PEAS.

Pois—Fr. *Erbse*—Ger.

Sow one of the earliest sorts, say Landreth's Extra Early, as soon as the soil will work after frost, and at the same time a late sort, say Champion of England, or Marrowfat. The latter will give a first succession, and repeated sowings once in two weeks, of the latter sort, will insure a regular supply. After the first of June sowing should be discontinued until the middle of August, which, if an early sort, will g nerally secure a good crop. Sow thinly, in trenches six inches wide, two inches deep, and three to five inches apart, according to height.

Landreth's Extra Early	per bush.	$12.00	per qt.	50
Early Daniel O'Rourke—2½ feet	...	7.00	...	35
Large White Marrowfat—5 feet	...	5.50	...	30
" **Black-Eyed Marrowfat**—3 feet	...	5.50	...	30
Tom Thumb--9 inches	...	13.00	...	50
Champion of England—5 feet	...	9 00	...	40
Eugenie—3 feet	...	10 00	...	50
Blue Imperial—2½ feet	...	7.50	...	35
Bishop's Dwarf Long Pod—1½ feet	...	10.00	...	50
M'Lean's Little Gem	...	15.00	...	60
" **Advancer**			...	50
Tall Sugar			...	75

POTATO.

Pomme de Terre—Fr. *Kartoffel*—Ger.

Plant the early varieties from middle of March to first of April, and the late ones, first of May. The early sort may be nine inches apart, in rows two feet asunder; but the late stronger growers require to be one foot by three.

Early Goodrich
Early Rose

PUMPKIN.

Pastisson—Fr. *Kuerbiss*—Ger.

Sow first of May, in hills nine feet apart. Cover the seeds about

one and a half inches. To keep off bugs, syringe with soap suds and sprinkle gently with guano while wet.

Field			per qt.	35
Cheese	per lb.	$1.00	per oz.	10
Cashaw (Crook Neck)	...	1.75	...	15

RADISH.

Rave—Fr. *Rettig*—Ger.

For a successive supply, sow from middle of March until September, at intervals of three weeks. Sow half an inch deep, in drills nine inches apart. Radishes may be successfully forced in a gentle hot-bed from the beginning of February.

Long Scarlet Short Top	per lb.	$1.00	per oz.	10
White Turnip Rooted	...	1.50	...	15
Red " "	...	1.25	...	10
Golden Globe Turnip Rooted	...	1.50	...	15
Greyish " "	...	1.50	...	15
Summer White	...	1.50	...	15
Black Spanish } Winter Radishes,	...	1.25	...	10
White " }				
Long Scarlet Strap Leaved	....	1.50	...	15
Scarlet Olive Shaped	....	1.25	...	15

SALSIFY, or Oyster Plant.

Salsifis—Fr. *Bocksbart*—Ger.

Sow middle of March, one inch deep, in drills one foot apart. While small, thin out to six inches.....per lb. $2.00, per oz. 20c.

SQUASH.

Potiron—Fr. *Kuerbiss*—Ger.

Sow from the beginning to the middle of May, in well-manured hills, nine feet apart. Thin out to three plants, and treat as Cucumbers.

Early Bush	per lb.	$1.50	per oz.	15
Long Green	...	1.50	...	15
Hubbard	...	3.00	...	30
Yokohama	...	3.00	...	30

SPINACH.

Spinard—Fr. *Spinat*—Ger.

For fall use, sow middle of August; for winter and early spring, middle of September, and for early summer, as early as the season will admit, in drills one inch deep and one foot apart.

Round Dutch Savoy Leaved	per lb.	75c.	per oz.	10
Prickly Seeded	...	75c.	...	10
Large Leaved Flanders	...	75c.	...	10

TOMATO.

Tomate—Fr. *Liebes Apfel*—Ger.

For an early crop, sow middle of February, half an inch deep, on a gentle hot bed; while small transplant six inches apart, and plant out finally middle of May, four feet apart. For a late crop, sow middle of April, and plant as above. If the vines be trained on a fence or trellis the fruit is kept clean and is better flavored.

Extra Early	per lb.	$3.00	per oz. 30
Key's Prolific	...	3.00	... 20
Large Smooth Red	...	3.00	... 30
Tilden	...	3.00	... 30
Favorite	...	3.00	... 30

Trophy—The best in cultivation. In original packages, from Geo. G. Waring, Jr. (head-quarters Trophy Tomato), per pkt. 25c.

TURNIP.

Navet—Fr. *Reube*—Ger.

For an early crop, sow the earliest varieties as soon as the seed can be got into the ground, in drills about a foot apart, and thin to six inches. For the main crop, sow from the first of July to the end of August, as in spring. To escape the fly, sow, if possible, just before rain, to insure quick germination.

Early Flat Dutch	per lb.	80c.	per oz. 10
Red or Purple Top	...	80c.	... 10
Large White Globe	...	80c.	... 10
Yellow Ruta-Baga	...	80c.	... 10

SWEET HERBS.

No garden is complete without a few sweet, aromatic or medicinal Herbs, for flavoring soups, &c., and pains should be taken to harvest them properly. This should be done on a dry day, just before they come in full blossom. Sow in spring, in shallow drills one foot apart, and when well up thin out and transplant a few inches asunder.

Lavender	per oz.	50
Marjoram, Sweet	...	50
Sage	...	30
Savory, Summer	...	30
" Winter	...	30
Rue	...	20
Savory,	...	10
Thyme	...	50
Anise	...	10

BIRD SEED.

Canary Seed	per lb,	15
Mixed Bird Seed	...	20
Hemp Seed	...	15
Rape "	...	25

MIXED LAWN GRASS SEED.

Per lb. 70c; per bush (15 lbs.) $6 00.

TREES AND PLANTS

at Wholesale and Retail.

At our extensive Nurseries and Green Houses we grow in large quantities, Apple, Pear, Peach, Plum, Cherry and Ornamental Trees. Small Fruits, Evergreens and Shrubs, in great variety. Also, choice Roses, Verbenas, Fuschias, Geraniums, Dahlias, Carnations, Heliotropes, and all kinds of Bedding Plants, including everything that is valuable of the many "Novelties" that appear from year to year; to which we invite the attention of purchasers.

SELECT BULBS.

LILIUM LANCIFOLIUM (Japan Lily).

We offer a fine stock of these beautiful and perfectly hardy varieties of flowers.

	Each
Lilium Auratum (Gold-banded Lily), extra fine, flowering bulbs	75
" **Lancifolium Album**—white, flowering bulbs	50
" " **Rubrum**—white and red spotted, flowering bulbs	40
" " **Roseum**—Spot'd Rose, flowering bulbs,	40
" **Melpomene**—beautiful buff	1 00
" **Langiflorum Album**—white	40
" **Candidum**—common white	40
" **Takesema**	1 00

GLADIOLUS.

	Each.	Per doz.
Best Mixed Hybrid Gladiolus, extra fine bulbs,	20c.	$2 00

DOUBLE TUBEROSES (Flowering Bulbs).

Our bulbs of this indispensable favorite matured unusually well the past season, and will prove satisfactory to planters.

Started in pots for early flowering.....per doz. $3 00

Dry Roots, 1st quality, each 15c.; per doz. $1.50; per 100, $10

HYACINTHS, TULIPS, CROCUSES,

and other **Dutch Bulbs,** in their proper season.

MISCELLANEOUS.

Rustic Stands	$5 00 to 20 00
Fern Cases.	
Bouquet Papers.	
Ground Pine (Bouquet Green).	
Terra Cotta Vases, for lawns and gardens.	
Aquariums	$5 00 to $30 00
Rustic Baskets	1 25 to 3 00
" " filled with plants	2 50 to 6 00
Hanging Wire Baskets	35 to 1 00
" " filled with plants	1 60 to 3 00
Terra Cotta Hanging Baskets	1 25 to 3 50
Crocus Pots	1 50
Gold Fish and Fish Globes, various sizes.	
Canary Birds and Bird Cages.	
Bouquets, Cut Flowers, Wreaths, Crosses, Floral Designs, &c. Special attention given to Bridal Bouquets and Table decorations.	
French Immortelles, and Ornamental Grasses.	
" " Wreaths, various colors	
Cuba Bass per lb.	1 00
Pruning Knives	75 to 2 00
Budding "	75 to 1 00
Pruning Shears	1 50
Garden Hoes,	75
" Rakes	75 to 1 25
"Weeders"	75 to 1 05
Spading Forks	2 00 to 2 50
Potato Hooks	1 00 to 1 40
Lawn Rakes	75 to 1 25
Spades	1 25 to 2 00
Ladies' Hoes	60
Toy "	50
Greenhouse Syringes	3 00 to 8 00